

Listing of All Claims Including Current Amendments

1. (original) Testing or setting device for a PDD or PDT system or for training on such a system, which includes a lighting system
 - where the device is provided with a housing in which the PDD or PDT system can be at least partially accommodated, characterized in that
 - a tissue phantom is accommodated in the housing in such a way that the surface of the tissue phantom can be at least partially illuminated by the lighting system and
 - the tissue phantom has at least one luminescent area.
2. (original) Device according to Claim 1, characterized in that the housing has a hollow area in which the PDD or PDT system for testing, setting, or training can be at least partially accommodated.
3. (original) Device according to Claim 2, characterized in that the hollow area is closed off and has at least one aperture equipped with a sealing device to accommodate part of the PDD or PDT system.
4. (previously amended) Device according to Claim 1, characterized in that a sterile foil protects the sterile portion from contamination upon each introduction of a sterile portion.
5. (previously amended) Device according to Claim 1, characterized in that the tissue phantom is secured on a movable holder.
6. (previously amended) Device according to Claim 1, characterized in that the tissue phantom is secured in the housing in such a way that it can be exchanged.

7. (previously amended) Device according to Claim 1, characterized in that several tissue phantoms are installed in the housing.
8. (previously amended) Device according to Claim 1, characterized in that the tissue phantom copies the optical, thermal, electrical, or mechanical characteristics of a particular human or animal tissue or organ.
9. (previously amended) Device according to Claim 8, characterized in that the portion of the tissue phantom that is to be illuminated by the lighting system copies colors and luminescent characteristics of a particular tissue area.
10. (previously amended) Device according to Claim 1, characterized in that the portion of the tissue phantom that is to be illuminated by the lighting system is shaped in such a way that the surface shape of a certain tissue area is copied.
11. (original) Device according to Claim 10, characterized in that the portion of the tissue phantom that is to be illuminated by the lighting system has the shape of a hollow sphere or tube.
12. (previously amended) Device according to Claim 1, characterized in that a filter system or additional lighting system is provided, through which the emission spectrum of the tissue phantom is adjusted in vivo to the emission spectrum of a particular bodily tissue.
13. (previously amended) Testing or setting device for a PDD or PDT system, which includes a lighting system and an observation system, characterized by the following steps:

- the PDD or PDT system to be tested or set is at least partially accommodated in a housing or device in accordance with Claim 1;
 - the surface of the tissue phantom is at least partially illuminated by the lighting system;
 - the illuminated surface of the tissue phantom is at least partially observed by the observation system;
 - at least one measurement or one observation result is recorded, which is a measurement for the luminescent intensity or for the reporting sensitivity or functionality of the PDD or PDT system; and
 - if necessary a corrective adjustment of the PDD or PDT system will be made.
14. (previously amended) Tissue phantom to be used in a device in accordance with Claim 1, which tissue phantom includes at least a first luminescent area, characterized in that it has at least one additional area, whose luminescent properties are distinguished from those of the first luminescent area.
15. (original) Tissue phantom according to Claim 14, characterized in that in at least one luminescent area the luminescence is dimmed through the action of a lighting device.
16. (original) Tissue phantom according to Claim 15, characterized in that a means is provided for introducing an oxygen-containing solution of a photo-sensitizer into the tissue phantom.
17. (previously amended) Tissue phantom according to Claim 14, characterized in that the tissue phantom contains at least two areas with graduated luminescent intensity, so that for at least one of these areas the luminescent intensity is

selected in such a way that the recognition of this area can permit the determination of the functionality of a PDD or PDT system.

18. Cancelled.

19. Cancelled.

20. (previously amended) Device according to Claim 1, characterized in that a tissue phantom in accordance with Claim 13.

21. (new) A device according the claim 1, wherein the tissue phantom comprises a molded cast comprising a first material having at least one depth and a second material located in the at least one depth, wherein the second material has luminescent characteristics that differ from those of the first material.

22. (new) A device according to claim 1, wherein the tissue phantom has at least one luminescent material comprising silicon, wherein:

- between 0.5% to 10% of the luminescent material comprises a colorless oxide as powder; and
- less than 1% of the luminescent material comprises an organic or inorganic pigment,
- and less than 2% of the luminescent material comprises fluorescent particles instilled with coloring agent.